

LAW OFFICES
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC

2100 PENNSYLVANIA AVENUE, N.W.
WASHINGTON, D.C. 20037-3202
TELEPHONE (202) 293-7060
FACSIMILE (202) 293-7860

JCS68 U.S. PTO
09/471332
12/23/99

JCS639 U.S. PTO



12/23/99

CALIFORNIA OFFICE

1010 EL CAMINO REAL
MENLO PARK, CA 94025
TELEPHONE (650) 325-5800
FACSIMILE (650) 325-6606

JAPAN OFFICE

TOEI NISHI SHIMBASHI BLDG. 4F
13-5 NISHI SHIMBASHI 1-CHOME
MINATO-KU, TOKYO 105, JAPAN
TELEPHONE (03) 3503-3760
FACSIMILE (03) 3503-3756

BOX: PATENT APPLICATION

Assistant Commissioner for Patents
Washington, D.C. 20231

December 23, 1999

Re: Application of Kozo YAMASAKI, Osamu HISADA, Katsuhiko HASEGAWA, Naoki KITO and Satoshi HIRANO
MULTILAYER-WIRING SUBSTRATE AND METHOD FOR FABRICATING SAME
Our Reference: Q57368

Dear Sir:

Attached hereto is the application identified above including the specification, claims and thirteen (13) sheets of drawings. The requisite U.S. Government Filing Fee, executed Declaration and Power of Attorney and Assignment will be submitted at a later date.

The Government filing fee is calculated as follows:

Total Claims	17 - 20 =	0 x \$18 =	\$ 000.00
Independent Claims	4 - 3 =	1 x \$78 =	\$ 78.00
Base Filing Fee	(\$760.00)		\$ 760.00
Multiple Dep. Claim Fee	(\$260.00)		\$ 000.00
TOTAL FILING FEE			\$ 838.00

Priority is claimed from:

Japanese Patent Application

Hei 10-365957

Filing Date

December 24, 1999

The priority document will be submitted at a later date.

Respectfully submitted,
SUGHRUE, MION, ZINN, MACPEAK & SEAS
Attorneys for Applicant(s)

By:

Waddell A. Biggart
Waddell A. Biggart
Reg. No. 24,861

WAB:tnj